

1. A system for distributing music to customer households, comprising:

- a data transmission system blanket transmitting a plurality of music selections to customer households in digital form;
- a user station at each of a plurality of customer households, the user station including; means permitting the customer household to preselect desired transmitted music selections for recording;
- a receiver and associated high capacity storage medium for recording preselected music selections in digital form;
- an audio output for outputting audio signals from the storage medium to a playback device so that the customer household may playback those recorded music selections it wishes to enjoy;
- a central controller system having a database for storing therein an address corresponding to each customer household;
- a communications link between each customer household and the central controller system to verify to the controller system when a preselected music selection has been made available for playback; and
- a billing system associated with the central controller system to bill customer households for music selections that are made available for playback.

2. A method of distributing music to customer households comprising the steps of:

- blanket transmitting a plurality of music selections to customer households by direct broadcast satellite (DBS) at data transmission rates faster than real time;

- providing each customer household with information identifying available music selections that will be transmitted;
- permitting each customer household to preselect and record desired music selections on a high capacity storage medium;
- permitting each customer household to playback recorded music selections; communicating music playback information from each customer household to a central controller system; and
- billing customer households for the recorded music selections that are made available for playback.

3. (New) A system for distributing music to customer households comprising:

a data transmission system blanket transmitting a plurality of music selections to customer households in digital form;

means for payment to an operator of said peer-to-peer music sharing system for advertising and making music available for purchase.

4. (New) A method of distributing music to customer households comprising the steps of,

- blanket transmitting a plurality of music selections to customer households by direct broadcast satellite (DBS) at data transmission rates faster than real time;
- providing each customer household with information identifying available music selections that will be transmitted;
- providing available music selection information to a peer-to-peer music sharing system;
- informing said customer household that a music selection is available for purchase when said music selection is about to be made at said peer-to-peer music sharing

system used by said customer household;

- ordering said music selection while at a website of said peer-to-peer music sharing system;
- permitting said each customer household to preselect and record desired music selections on a high capacity storage medium;
- permitting said each customer household to playback recorded music selections; communicating music playback information from said each customer household to a central controller system;
- billing said customer households for the recorded music selections that are made available for playback; and

9. (New) The order communication means of Claim 7 for distributing music wherein said communication means occurs over cable modem.

10. (New) The order communication means of Claim 7 for distributing music wherein said communication means occurs over an internet connection.

11. (New) The transmission means of Claim 7 for distributing music wherein said transmission means occurs over the KU satellite band.

12. (New) The transmission means of Claim 7 for distributing music wherein said transmission means occurs over frequencies outside of the KU satellite band.

13. (New) The transmission means of Claim 7 for distributing music wherein said transmission means comprises a real time, music playback transmission speed.

14. (New) The transmission means of Claim 7 for distributing music wherein said transmission means comprises a compressed transmission speed.

15. (New) The compressed transmission speed of Claim 14 wherein said compressed transmission speed has a compression ratio of at least 60 to 1.
16. (New) The order communication means of Claim 10 wherein a client of said communication means is a home personal computer.
17. (New) The order communication means of Claim 10 wherein a client of said communication means is a cell phone.
18. (New) The order communication means of Claim 10 wherein a client of said communication means is a Personal Data Assistant wireless device.
19. (New) The order communication means of Claim 17 wherein a wireless application protocol is used.
20. (New) The order communication means of any of Claim 18 wherein a wireless application protocol is used.
21. (New) The method of distributing music in Claim 4, wherein said informing step comprises: placing an icon within a catalog of said peer to peer music sharing system whenever catalog selections are available.
22. (New) The method of distributing music in Claim 4, wherein said informing step comprises: placing a highlight within a catalog of said peer-to-peer music sharing system whenever catalog selections are available.
23. (New) The method of distributing music in Claim 4, wherein said preselecting step comprises:

creating said profile from customer preference information provided by said peerto-peer music sharing system.
24. (New) The method of distributing music in Claim 4, wherein said ordering step comprises:

communicating an order of said music selection to said central controller; transferring copies of records of said order to a transmission scheduler; communicating schedules created by said transmission scheduler to a satellite uplink facility for transmission of said order; transmitting said order to said customer household.

25. (New) The method of distributing music in Claim 24, wherein said order communication comprises:

communicating over phone modem;

26. (New) The method of distributing music in Claim 24, wherein said order communication comprises:

communicating over cable modem;

27. (New) The method of distributing music in Claim 24, wherein said order communication comprises:

communicating over an internet connection;

28. (New) The method of distributing music in Claim 24, wherein said transmitting frequency occurs over KU satellite band.

29. (New) The method of distributing music in Claim 24, wherein said transmitting frequency occurs over frequencies outside of the KU satellite band.

30. (New) The method of distributing music in Claim 24, wherein said transmitting step comprises:

compressing a transmission speed of said music selection to a compression ratio of at least 60 to 1.

31. (New) The method of distributing music in Claim 24, wherein said order communication step comprises:

using a home personal computer for ordering said music selection.

32. (New) The method of distributing music in Claim 24, wherein said order communication step comprises:

using a cell phone for ordering said music selection.

33. (New) The method of distributing music in Claim 24, wherein said order communication step comprises:

using a Personal Data Assistant wireless device for ordering said music selection.

34. (New) The method of distributing music according to of Claim 32, wherein said ordering said music selection is via wireless application protocol.

35. (New) The method of distributing music according to Claim 33, wherein said ordering said music selection is via wireless application protocol.

36. (New) A computer program product used in a computer for implementing in a music distribution system, a user station of a customer household, the computer program product comprising:

- a) a computer readable medium;
- b) first instructions for a customer preselecting desired transmitted music selections for recording;
- c) second instructions for informing said customer household that a music selection is available for purchase from said music distribution system when said music selection is about to be made at a peer to peer music sharing system used by said customer household;
- d) third instructions for receiving and recording in an associated high capacity storage medium said preselected music selections in digital form;

e) fourth instructions for communicating over a communication link between said user station and a central controller system for verification to said controller system when said preselected music selection has been made available for playback.

37. (New) A computer program product used in a computer for implementing in a music distribution system, a central controller system, the computer program product comprising:

- a) a computer readable medium;
- b) first instructions for a system operator preselecting desired transmitted music selections for recording;
- c) second instructions for informing said customer household that a music selection is available for purchase from said music distribution system when said music selection is about to be made at a peer to peer music sharing system used by said customer household;
- d) third instructions for communicating over a communication link between a user station and said central controller system for verification to said controller system when said preselected music selection has been made available for playback.
- e) fourth instructions for scheduling for transmission said preselected music selection.

38. (New) In a system for distributing music to customer households, said system comprising:

means for said system preselection of desired transmitted music selections for recording.

39. (New) In a method of distributing music to customer households, said method comprising:

- preselecting music based on a profile of said each customer household; and
- recording said preselected music on a high capacity storage medium.